



## PROFILE

**Company:** Gaz Métro

**Website:** [www.gazmetro.com/](http://www.gazmetro.com/)

**Description:** Gaz Métro is the principal distributor of natural gas in Quebec, Canada. It is also one of the five largest natural gas distributors in Canada. It employs 1,300 workers and serves nearly 182,000 customers that make up 97 percent of the natural gas consumers in Quebec. The 10,000 km gas network serves 300 municipalities.

**Industry:** Utilities

**Country:** Canada

## PRODUCTS USED

- G/Technology product suite

## KEY BENEFITS

- Provides well-integrated applications that support the design and administration of utilities and communication networks
- Supports the complete life cycle of network features, from the planned state through the engineering design, construction, in-service, abandoned, and removed feature states
- Supplies analysis tools that meet the needs of users required to analyze the network and report on specific network quantity, capacity, and capability
- Offers tools for quickly viewing the network, either connected or disconnected (mobile), using the same search and analysis tools available to design users

## LARGEST NATURAL GAS DISTRIBUTOR IN QUEBEC, CANADA, ADOPTS INTERGRAPH® SOLUTION FOR COMPLETE, INTEROPERABLE NETWORK

**Gaz Métro Selects Intergraph G/Technology for Cross-Departmental Data Sharing and Project Works**

### IDENTIFYING GOALS

Gaz Métro is the largest distributor of natural gas in Quebec, Canada, and one of the five largest distributors in the nation. With the size of its network, demands for spatial queries and trace functions for different analysis continuously increase. Gaz Métro needed a system to complete more data queries and analysis easier and faster. As the support and maintenance costs of its older FRAMME technology escalated, it became clear that an upgrade to its system was necessary.

Gaz Métro wanted to maintain the existing functionality developed in its active FRAMME environment while enabling its users to link together multiple sources of data to extract new sale potentials and network developments.

### OVERCOMING CHALLENGES

- Alleviate cost and time spent maintaining legacy FRAMME system
- Migrate core system (graphics and non-graphics) to updated system with minimal disruption
- Enable sharing and use of geospatial data across enterprise

### REALIZING RESULTS

An Intergraph® utilities customer since the 1980s, Gaz Métro knew the capabilities Intergraph had to offer its administration. This utility selected Intergraph's G/Technology product suite based on its ability to address the complete network management workflow from design and construction to maintenance and operations.

Gaz Métro's initial strategy for viewing applications with G/Technology was two-fold. For its connected FieldView users, it planned to implement G/NetViewer to grant users direct access to online data. It would continue using its FieldView solution for disconnected mode to initially minimize the impact of change for its users.

After months of observation, collaboration, and training, Gaz Métro began the build phase of G/Technology. After writing and modifying different scripts for the data migration and exporting a dataset for FieldView, the utility was able to offer the same look and feel its users were accustomed to in the field.

When Gaz Métro went live with G/Technology, it was able to transfer all of its data with no loss. The data migration was complete after only two days, instead of a full month in comparison to its first migration to FRAMME. With G/Technology, all projects and project data reside in one accessible database. This customer no longer runs the risk of graphic corruption or locked-up graphic files, and if a crash occurs, everything is in the database for full restoration.

All new Gaz Métro projects are now completed using G/Technology. Viewers on its network use G/NetViewer to access facility data and new data sources (e.g., orthophotos) while still using their familiar tools to access the information they need (e.g., Address Locator tool, SAP interface).

“With the G/Technology environment, it's easier to share geospatial information throughout the company,” says Denis Vanier, Geomatic Project Manager, Gaz Métro. “And since everything is in the database, it's simple to obtain new information and amalgamate it to the whole organization, allowing further analysis. What once appeared as too big of a task to accomplish in the past is now possible with G/Technology.”

“Gaz Métro has been a partner of Intergraph for a few decades now,” continues Vanier. “Our bi-weekly conference call with our Intergraph Canada representative and the Huntsville, Alabama, team ensures our most important issues are dealt with at an appropriate level of urgency. Intergraph has understood the importance of our requirements and has provided, as much as demands allow, solutions to our problems.”

## ABOUT INTERGRAPH

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data to make processes and infrastructure better, safer and smarter. The company's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph PP&M provides enterprise engineering software for the design, construction, operation and data management of plants, ships and offshore facilities.

Intergraph SG&I provides geospatially powered solutions, including ERDAS technologies, to the public safety and security, defense and intelligence, government, transportation, photogrammetry, and utilities and communications industries. Intergraph Government Solutions (IGS) is a wholly owned subsidiary of Intergraph Corporation responsible for the SG&I U.S. federal and classified business.

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